



FLUID MECHANICS LAB

Course code: 28703
Credits: 1
Course Type: Practical
Prerequisites: Fluid mechanics II
Course Length: 34 hours

Outlines:

Flow measurement by various equipment, Bernoulli test, Drag Force, Pelton turbine, Francis turbine, Fan, Axial-flow pump, Centrifugal pumps, Pressure drop in pipes, Boundary layer, Vortex, Cavitation, Separation, Rotational & Irrotational flow, Water hammer, Flow in open channel, Hydraulic jump, Laminar and Turbulent flow, Flow around airfoil, Wind Tunnel.